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November 18, 2004

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APPLICATION THAT MET THE REQUIREMENTS TO BE GRANTED A  
FILING DATE.

APPLICATION NUMBER: 60/515,170

FILING DATE: *October 28, 2003*

RELATED PCT APPLICATION NUMBER: PCT/US04/35481

Certified by

Jon W Dudas

Acting Under Secretary of Commerce  
for Intellectual Property  
and Acting Director of the U.S.  
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PTO/SB/16 (08-03)

Approved for use through 07/31/2006, OMB 0651-0032

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## PROVISIONAL APPLICATION FOR PATENT COVER SHEET

This is a request for filing a PROVISIONAL APPLICATION FOR PATENT under 37 CFR 1.53(c).

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102803

INVENTOR(S)		
Given Name (first and middle [if any])	Family Name or Surname	Residence (City and either State or Foreign Country)
PAUL J.	JOYNT	ANKENY, IA
Additional inventors are being named on the <u>1</u> separately numbered sheets attached hereto		
TITLE OF THE INVENTION (500 characters max)		
Direct all correspondence to: CORRESPONDENCE ADDRESS		
<input checked="" type="checkbox"/> Customer Number: 34082		
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<input type="checkbox"/> Firm or Individual Name		
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ENCLOSED APPLICATION PARTS (check all that apply)		
<input checked="" type="checkbox"/> Specification Number of Pages <u>4</u>		<input type="checkbox"/> CD(s), Number _____
<input type="checkbox"/> Drawing(s) Number of Sheets _____		<input type="checkbox"/> Other (specify) _____
<input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		
METHOD OF PAYMENT OF FILING FEES FOR THIS PROVISIONAL APPLICATION FOR PATENT		
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. <input checked="" type="checkbox"/> A check or money order is enclosed to cover the filing fees. <input type="checkbox"/> The Director is hereby authorized to charge filing fees or credit any overpayment to Deposit Account Number: <u>50-2098</u> <input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.		<b>FILING FEE Amount (\$)</b>  <u>\$80.00</u>
The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.		
<input checked="" type="checkbox"/> No. <input type="checkbox"/> Yes, the name of the U.S. Government agency and the Government contract number are: _____		

[Page 1 of 2]

Date October 28, 2003

Respectfully submitted,

SIGNATURE Donald H. FarleyTYPED or PRINTED NAME DONALD H. FARLEYREGISTRATION NO. 18,543

(if appropriate)

Docket Number. P06691US0TELEPHONE 515-558-0200

## USE ONLY FOR FILING A PROVISIONAL APPLICATION FOR PATENT

This collection of information is required by 37 CFR 1.51. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 8 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Provisional Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**PROVISIONAL APPLICATION COVER SHEET**  
**Additional Page**

PTO/SB/16 (08-03)

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Docket Number P06691US0

**INVENTOR(S)/APPLICANT(S)**

Given Name (first and middle [if any])	Family or Surname	Residence (City and either State or Foreign Country)
Mike S.	Simpson	Norwalk, IA
Daniel W.	Pfeffer	West Des Moines, IA
Vince	Basile	West Des Moines, IA
Doug N.	McCloskey	Runnells, IA

[Page 2 of 2]

Number 2 of 2

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# FEE TRANSMITTAL

## for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 80.00)

## Compleat if Known

Application Number	
Filing Date	
First Named Inventor	PAUL J. JOYNT, ET AL.
Examiner Name	
Art Unit	
Attorney Docket No.	P06691US0

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None
 Deposit Account:

Deposit Account Number	50-2098
Deposit Account Name	ZARLEY LAW FIRM PLC

The Director is authorized to: (check all that apply)

 Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) or any underpayment of fee(s)  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee	Fee	Fee	Fee Description	Fee Paid
Code (\$)	Code (\$)	Code (\$)	Code (\$)	Code (\$)		
1001	2001	385	Utility filing fee			
1002	2002	170	Design filing fee			
1003	2003	265	Plant filing fee			
1004	2004	385	Reissue filing fee			
1005	2005	80	Provisional filing fee	80.00		
SUBTOTAL (1) (\$ 80.00)						

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Extra Claims	Fee from below	Fee Paid
10	-20** = 0	0	0	0
2	-3** = 0	0	0	0
Multiple Dependent			0	0

Large Entity	Small Entity	Fee	Fee	Fee	Fee Description	Fee Paid
Code (\$)	Code (\$)	Code (\$)	Code (\$)	Code (\$)		
1202	2202	9	Claims in excess of 20			
1201	2201	43	Independent claims in excess of 3			
1203	2203	145	Multiple dependent claim, if not paid			
1204	2204	43	** Reissue independent claims over original patent			
1205	2205	9	** Reissue claims in excess of 20 and over original patent			
SUBTOTAL (2) (\$ 0)						

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee	Fee	Fee	Fee Description	Fee Paid
Code (\$)	Code (\$)	Code (\$)	Code (\$)	Code (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath		
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		
1053	130	1053	130	Non-English specification		
1812	2,520	1812	2,520	For filing a request for ex parte reexamination		
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		
1251	110	2251	55	Extension for reply within first month		
1252	420	2252	210	Extension for reply within second month		
1253	950	2253	475	Extension for reply within third month		
1254	1,480	2254	740	Extension for reply within fourth month		
1255	2,010	2255	1,005	Extension for reply within fifth month		
1401	330	2401	165	Notice of Appeal		
1402	330	2402	165	Filing a brief in support of an appeal		
1403	290	2403	145	Request for oral hearing		
1451	1,510	1451	1,510	Petition to institute a public use proceeding		
1452	110	2452	55	Petition to revive - unavoidable		
1453	1,330	2453	665	Petition to revive - unintentional		
1501	1,330	2501	665	Utility issue fee (or reissue)		
1502	480	2502	240	Design issue fee		
1503	640	2503	320	Plant issue fee		
1460	130	1460	130	Petitions to the Commissioner		
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		
1806	180	1806	180	Submission of Information Disclosure Stmt		
8021	40	8021	40	Recording each patent assignment per property (times number of properties)		
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))		
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))		
1801	770	2801	385	Request for Continued Examination (RCE)		
1802	900	1802	900	Request for expedited examination of a design application		
Other fee (specify) _____						

\*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$ 0)

(Complete if applicable)

## SUBMITTED BY

Name (Print/Type)	DONALD H. ZARLEY	Registration No. (Attorney/Agent)	18,543	Telephone	515-558-0200
Signature	<i>Donald H. Zarley</i>				

Date *October 28, 2003*

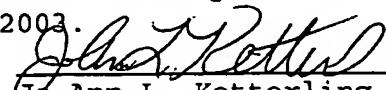
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CERTIFICATE OF EXPRESS MAILING

I hereby certify that the enclosed Provisional Patent Application and accompanying documents and a check for \$80.00 have been mailed by the U.S. Postal Service's Express Mail in an envelope addressed to: Mail Stop Provisional Patent Application, Commissioner for Patents, P.O. BOX 1450, Alexandria, VA 22313-1450 prior to 5:00 p.m. on the 28<sup>th</sup> day of October, 2003.

  
\_\_\_\_\_  
Jo Ann L. Ketterling  
Express Mail #EV 353095330 US

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## PROVISIONAL APPLICATION

## INVENTORS:

Paul J. Joynt  
2105 W. First St. #6  
Ankeny, IA 50021

10

Mike S. Simpson  
4935 Wakonda Drive  
Norwalk, IA 50211

15

Daniel W. Pfeffer  
1811 Buffalo Road  
West Des Moines, IA 50265

20

Vincent L. Basile  
233 24<sup>th</sup> Street  
West Des Moines, IA 50265

25

Doug N. McCloskey  
4280 SE 98<sup>th</sup> Street  
Runnells, IA 50237

30

TITLE: METHOD AND MEANS FOR DOWNLOADING DATA  
FROM A MACHINE

## BACKGROUND OF THE INVENTION

35 This invention involves a method and means for  
downloading data from a machine, for example, in order to  
extract operational data from the machine by wireless or hard  
wire means.

The features of this invention are:

40 1. A system that would allow information to be  
downloaded from a machine's touch screen or PLC into a  
handheld device.

2. Information on the handheld device that can be  
downloaded to a PC.

5       3. Information that can be viewed or printed as documents or reports. (The information would consist of the information shown on the "Management Information Screen" of the touch screen.)

10      4. Options of methods to transfer information from the machine to the handheld device consist of:

- Infrared transfer (IR)
- Radio Frequency transfer (RF)
- Cable connection transfer

15      A PALM handheld device used with an infrared transmitter or with a receiver so that no covers, doors or enclosures need to be opened, and a short transmission time is used so that the signal is not interrupted.

20      In operation, the PALM unit is associated with a P.C. and either hard wired to an auxiliary port or an I.R. data port, and downloaded to a standard format, Excel, Word, Lotus, or WordPad. That information is not able to be manipulated but just viewed and printed out.

25      The following specifications should be present:

1. Ability to be able to transfer files to a P.C.  
2. Ability to be able to print this information out from a P.C.

30      3. Ability to retrieve data from numerous machines in one plant up to six machines.

4. The hand held unit should be proprietary to the specific machines.

35      5. Additional information from the touch screen may need to be transferred such as time, pressure settings, initials of the person gathering the data, name of product being run, recipe, etc.

5 We claim:

1. A method of downloading data from a machine having a touch screen or PLC to govern its operation, comprising, taking a handheld control unit operatively associated with the touch screen or PLC that can be selectively actuated to download data from the touch screen or PLC to a PC to be viewed or printed.

10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200 205 210 215 220 225 230 235 240 245 250 255 260 265 270 275 280 285 290 295 300 305 310 315 320 325 330 335 340 345 350 355 360 365 370 375 380 385 390 395 400 405 410 415 420 425 430 435 440 445 450 455 460 465 470 475 480 485 490 495 500 505 510 515 520 525 530 535 540 545 550 555 560 565 570 575 580 585 590 595 600 605 610 615 620 625 630 635 640 645 650 655 660 665 670 675 680 685 690 695 700 705 710 715 720 725 730 735 740 745 750 755 760 765 770 775 780 785 790 795 800 805 810 815 820 825 830 835 840 845 850 855 860 865 870 875 880 885 890 895 900 905 910 915 920 925 930 935 940 945 950 955 960 965 970 975 980 985 990 995 1000 1005 1010 1015 1020 1025 1030 1035 1040 1045 1050 1055 1060 1065 1070 1075 1080 1085 1090 1095 1100 1105 1110 1115 1120 1125 1130 1135 1140 1145 1150 1155 1160 1165 1170 1175 1180 1185 1190 1195 1200 1205 1210 1215 1220 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8225 8230 8235 8240 8245 8250 8255 8260 8265 8270 8275 8280 8285 8290 8295 8300 8305 8310 8315 8320 8325 8330 8335 8340 8345 8350 8355 8360 8365 8370 8375 8380 8385 8390 8395 8400 8405 8410 8415 8420 8425 8430 8435 8440 8445 8450 8455 8460 8465 8470 8475 8480 8485 8490 8495 8500 8505 8510 8515 8520 8525 8530 8535 8540 8545 8550 8555 8560 8565 8570 8575 8580 8585 8590 8595 8600 8605 8610 8615 8620 8625 8630 8635 8640 8645 8650 8655 8660 8665 8670 8675 8680 8685 8690 8695 8700 8705 8710 8715 8720 8725 8730 8735 8740 8745 8750 8755 8760 8765 8770 8775 8780 8785 8790 8795 8800 8805 8810 8815 8820 8825 8830 8835 8840 8845 8850 8855 8860 8865 8870 8875 8880 8885 8890 8895 8900 8905 8910 8915 8920 8925 8930 8935 8940 8945 8950 8955 8960 8965 8970 8975 8980 8985 8990 8995 9000 9005 9010 9015 9020 9025 9030 9035 9040 9045 9050 9055 9060 9065 9070 9075 9080 9085 9090 9095 9100 9105 9110 9115 9120 9125 9130 9135 9140 9145 9150 9155 9160 9165 9170 9175 9180 9185 9190 9195 9200 9205 9210 9215 9220 9225 9230 9235 9240 9245 9250 9255 9260 9265 9270 9275 9280 9285 9290 9295 9300 9305 9310 9315 9320 9325 9330 9335 9340 9345 9350 9355 9360 9365 9370 9375 9380 9385 9390 9395 9400 9405 9410 9415 9420 9425 9430 9435 9440 9445 9450 9455 9460 9465 9470 9475 9480 9485 9490 9495 9500 9505 9510 9515 9520 9525 9530 9535 9540 9545 9550 9555 9560 9565 9570 9575 9580 9585 9590 9595 9600 9605 9610 9615 9620 9625 9630 9635 9640 9645 9650 9655 9660 9665 9670 9675 9680 9685 9690 9695 9700 9705 9710 9715 9720 9725 9730 9735 9740 9745 9750 9755 9760 9765 9770 9775 9780 9785 9790 9795 9800 9805 9810 9815 9820 9825 9830 9835 9840 9845 9850 9855 9860 9865 9870 9875 9880 9885 9890 9895 9900 9905 9910 9915 9920 9925 9930 9935 9940 9945 9950 9955 9960 9965 9970 9975 9980 9985 9990 9995 10000 10005 10010 10015 10020 10025 10030 10035 10040 10045 10050 10055 10060 10065 10070 10075 10080 10085 10090 10095 10100 10105 10110 10115 10120 10125 10130 10135 10140 10145 10150 10155 10160 10165 10170 10175 10180 10185 10190 10195 10200 10205 10210 10215 10220 10225 10230 10235 10240 10245 10250 10255 10260 10265 10270 10275 10280 10285 10290 10295 10300 10305 10310 10315 10320 10325 10330 10335 10340 10345 10350 10355 10360 10365 10370 10375 10380 10385 10390 10395 10400 10405 10410 10415 10420 10425 10430 10435 10440 10445 10450 10455 10460 10465 10470 10475 10480 10485 10490 10495 10500 10505 10510 10515 10520 10525 10530 10535 10540 10545 10550 10555 10560 10565 10570 10575 10580 10585 10590 10595 10600 10605 10610 10615 10620 10625 10630 10635 10640 10645 10650 10655 10660 10665 10670 10675 10680 10685 10690 10695 10700 10705 10710 10715 10720 10725 10730 10735 10740 10745 10750 10755 10760 10765 10770 10775 10780 10785 10790 10795 10800 10805 10810 10815 10820 10825 10830 10835 10840 10845 10850 10855 10860 10865 10870 10875 10880 10885 10890 10895 10900 10905 10910 10915 10920 10925 10930 10935 10940 10945 10950 10955 10960 10965 10970 10975 10980 10985 10990 10995 11000 11005 11010 11015 11020 11025 11030 11035 11040 11045 11050 11055 11060 11065 11070 11075 11080 11085 11090 11095 11100 11105 11110 11115 11120 11125 11130 11135 11140 11145 11150 11155 11160 11165 11170 11175 11180 11185 11190 11195 11200 11205 11210 1121

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9. The device of claim 1 wherein the handheld control unit  
is connected to the P.C. via a wireless system.

10. The device of claim 1 wherein the handheld control is  
connected to the touch screen or PLC via a hard wired or  
wireless system.

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## **Application Data Sheet**

### **Application Information**

Application Type::	Provisional
Subject Matter::	Utility
Suggested Classification::	
Suggested Group Art Unit::	
CD-ROM or CD-R::	
Number of CD disks::	
Number of copies of CDs::	
Sequence submission::	
Computer Readable Form (CRF)::	
Title::	METHOD AND MEANS FOR DOWNLOADING DATA FROM A MACHINE
Attorney Docket Number::	P06691US0
Request for Early Publication::	No
Request for Non-Publication::	No
Suggested Drawing Figure::	
Total Drawing Sheets::	0
Small Entity::	Yes
Petition included::	No
Licensed US Govt Agency::	No
Contract or Grant Numbers::	
Secrecy Order in Parent Appl::	

### **Applicant Information**

Applicant Authority Type::	Inventor
Primary Citizenship Country::	US
Status::	Full capacity
Given Name::	Paul

<b>Middle Name::</b>	J
<b>Family Name::</b>	Joynt
<b>City of Residence::</b>	Ankeny
<b>State or Province of Residence::</b>	IA
<b>Country of Residence::</b>	US
<b>Street of mailing address::</b>	2105 W. First Street #4
<b>City of mailing address::</b>	Ankeny
<b>State or Province of mailing address::</b>	IA
<b>Country of mailing address::</b>	US
<b>Postal or Zip Code of mailing address::</b>	50021
<b>Applicant Authority Type::</b>	Inventor
<b>Primary Citizenship Country::</b>	US
<b>Status::</b>	Full capacity
<b>Given Name::</b>	Mike
<b>Middle Name::</b>	S
<b>Family Name::</b>	Simpson
<b>City of Residence::</b>	Norwalk
<b>State or Province of Residence::</b>	IA
<b>Country of Residence::</b>	US
<b>Street of mailing address::</b>	4935 Wakonda Drive
<b>City of mailing address::</b>	Norwalk
<b>State or Province of mailing address::</b>	IA
<b>Country of mailing address::</b>	US
<b>Postal or Zip Code of mailing address::</b>	50211

<b>Applicant Authority Type::</b>	Inventor
<b>Primary Citizenship Country::</b>	US
<b>Status::</b>	Full capacity

Given Name::	Daniel
Middle Name::	W
Family Name::	Pfeffer
City of Residence::	West Des Moines
State or Province of Residence::	IA
Country of Residence::	US
Street of mailing address::	1811 Buffalo Road
City of mailing address::	West Des Moines
State or Province of mailing address::	IA
Country of mailing address::	US
Postal or Zip Code of mailing address::	50265

Applicant Authority Type::	Inventor
Primary Citizenship Country::	US
Status::	Full capacity
Given Name::	Vincent
Middle Name::	L
Family Name::	Basile
City of Residence::	West Des Moines
State or Province of Residence::	IA
Country of Residence::	US
Street of mailing address::	233 – 24 <sup>th</sup> Street
City of mailing address::	West Des Moines
State or Province of mailing address::	IA
Country of mailing address::	US
Postal or Zip Code of mailing address::	50265

Applicant Authority Type::	Inventor
Primary Citizenship Country::	US

Status::	Full capacity
Given Name::	Doug
Middle Name::	N
Family Name::	McCloskey
City of Residence::	Runnells
State or Province of Residence::	IA
Country of Residence::	US
Street of mailing address::	4280 SE 98 <sup>th</sup> Street
City of mailing address::	Runnells
State or Province of mailing address::	IA
Country of mailing address::	US
Postal or Zip Code of mailing address::	50237

### **Correspondence Information**

Correspondence Customer Number::	34082
Name::	Zarley Law Firm, P.L.C.
Street of mailing address::	Capital Square, 400 Locust Street, Suite 200
City of mailing address::	Des Moines
State or Province of mailing Address::	IA
Country of mailing address::	US
Postal Zip Code or mailing Address::	50309-2350
Phone number::	515-558-0200
FAX number::	515-558-7790
E-Mail address::	<u><a href="mailto:dzarley@zarleylaw.com">dzarley@zarleylaw.com</a></u>

### **Representative Information**

<b>Representative</b>	34082	
<b>Customer Number::</b>		

<b>Representative Designation::</b>	<b>Registration Number::</b>	<b>Representative Name::</b>
Primary	18,543	Donald H. Zarley
Associate	45,253	Timothy J. Zarley
Associate	50,153	James J. Lynch
Associate	54,583	Scott R. Kaspar

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<b>Application::</b>	<b>Continuity Type::</b>	<b>Parent Application::</b>	<b>Parent Filing Date::</b>

#### **Foreign Priority Information**

<b>Country::</b>	<b>Application Number::</b>	<b>Filing Date::</b>	<b>Priority Claimed::</b>

### **Assignee Information**

**Assignee name::**

**Townsend Engineering  
Company**

**Street of mailing address::**

**2425 Hubbell Avenue**

**City of mailing address::**

**Des Moines**

**State or Province of mailing address::**

**IA**

**Country of mailing address::**

**US**

**Postal or Zip Code of mailing address::**

**50317**

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